

EAST - [Untitled1:1] Tible Yew Edit Tools Window Help Application Assessed Appropriate the property of the party of the part U 1 Document ID Issue Dat Pages Title Current OR Current XR Retrieval Inventor 5 C P 🎇 I US 20040205 Controller for portable 710/8 James et al. Lam. O Ε. Γ. \Box T C 20040024931 electronic devices 15 20040108 Low power digital audio 713/2 US Du, Sterling et IZ. C r. C Ö г ស ២ 20040006690 decoding/playing_system 20040004631 c US 20040108 20 Application programming 345/704 345/723 Debique, Kirt et V al. Chang, D.C. interface for utilizing MP3 player and method 21 20031218 710/316 \mathbf{c} Γ CID 20030233509 US for operating the same 20031218 22 386/96 386/125 Denda, Akihiro et Audio data Ŕ n Γ \Box E E 20030231872 reproducing/recording a 23 US 20031204 713/168 Nonaka, Yoshiya et ø 20030226019 US recording/reproducing a 20031204 Sugino, Ryoji et 24 369/30.07 Information recording/reproducing Media player with "DJ" 1 Γ: nin 20030223320 US 20031002 25 84/609 Eugene, Shteyn et 7. Γ: Γ Г: Г 20030183064 mode al. Method and apparatus 20030918 26 US 380/277 713/172 Candelore, Brant Ø O Ö Γ. 0.0 20030174844 US for protecting the tran Portable electronic 27 20030807 700/91 Johnson, William Γ : T 0 ۳. \mathbf{C} 20030149496 information collection 28 n ប៊ីទី 20030731 Yokota, Teppei et Reproduction apparatus 386/94 360/60: ε \mathbf{c} E 6 E 20030142960 and reproducing method User interface for al. van Os, Marcel 3807201: 29 20030710 345/173 1.: C 1... 1.3 o = c20030128192 electronic devices for 30 c US 20030703 709/220 Kohno, Michinari Data communications C Γ: C 20030126238 system, data sender, da et al. Kohno, Michinari 20030626 709/237 31 US Data communication Ŗ Π D Γ.: пп 20030120802 system, data transmissi Method and system for r. ŪS 32 20030619 345/547 345/501 Cheng, Kung rr 20030112249 measuring audio and vid 33 20030612 US System, method and 725/86 709/219; Perkes, Ronald M. Þ r 20030110503 computer program produc 725/105 713/100 20030522 34 711/103 Lay, Matthew et US Reprogramming P r n in 20030097522 al. McGee, Thomas et electronic apparatus Significant scene 35 n ÜS 20030515 345/721 345/838; \Box detection and frame fil Low power digital audio 700/94 20030090505 345/845; 704/500 al. Du, Sterling et 36 20030508 US F ~ 20030088326 decoding/playing system al. Suzuki, Yasunori e ប៊ីទី 37 20030424 Information selecting V C \mathbf{c} 0 0 20030078919 apparatus information
Systems and methods for 705/57 38 20030424 US Capitant, Patrice Π Π. C r: r providing digital right 20030078891 J. Thomas Brown, 39 20030403 US Computer peripheral V c O Γ 20030063066 Barry Allen Chan, Reginia et device r ŪŠ 40 20030327 Low power digital audio 700/94 704/500 to Γ $D \cdot D$ Γ 20030060911 decoding/plaving system al. Chiba, Yukio et r ÜS 20030327 Image coding apparatus, 341/67 T: n n n 20030058143 US variable-length coding 20030213 Method and system for Boogaard, Richard

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F I		20030213		707/200			Boogaard, Richard	г	П	n i	C B	r:	t
SI :	20030033325.		providing audio and/or	260 /2	369/5		Hendricus Johannes Chang, Chin-Yao et			_			
R C	US	20030102	MP3 player device with	369/2	309/3		al.	ſ.:	t.	U	1.: ; 1		1.
SH :	20030002395. US	20021219	Image processing method	382/154			Harman, Philip	n	П	m i	o J	n i	ŧ
83 ·	- (20020191841		and apparatus	A			Victor Candelore, Brant						
P C	US	20021212	Method for	705/51		:	L. L.	Г.	C	e j	E i		I
÷ :	20020188567	20021121	simulcrypting scrambled Recording method,	369/53.29	369/275.3;	and the second s	Sako, Yoichiro et	г	Γ.	Г	0	Γ.	1
E L	US 20020172117	20021121	recorder, reproducing m		369/59.25		al					$\cdots \dot{\gamma}$	١.
la L		20021121	Portable CD-ROM/ISO to	341/55			Altare, William Christopher et al.	Г	П	r	L :	r	1
SI :	=:20020171567	20021114	HDD/MP3 recorder with s Lossless data	341/106			Kim, Dae-Soon	P 7	٢	r	F	r	
] P [US 20020167429	20021114	compression method for	!			***************************************		<u></u>				
le r	: US	20021107	Streaming video	345/723	345/716		Thomas, McGee et	r	Г	Γ:	n i	Г	
31 :	20020163532	20021107	bookmarks Method and system for	84/601	713/2;		al. Yu, Kang-Yeh et	F			PT .	_	-
K t	US 20020162444	20021107	playing music-related f.		713/300		al.	1	•		••••		
r r	. US	20021031	Method for using source	381/103	381/98		Ford, Jeremy M. et	n	\mathbf{n}	Γ.	C :	T .	
N 1	20020159607		content information to	707/104.1			al. Ho Yuen Lok,			_			
17. C	US	20020912	System and method for storing and manipulation	1 '			Kenneth et al.	E	េះ	U	1.: ; ;	U	į.
	20020129036 - US	20020912	Information reproducing	369/47.12			Denda, Akihiro et	C	Π.	Γ.	C	г.	
e r	20020126594		apparatus and method	<u>:</u>	25 (245, 12		al.	ļ					:
E C	US	20020905	Decompression of compressed encoded vide		375/240.12		Bruls, Wilhelmus Hendrikus Alfonsus	г	Γ.	C	Γ.	C	!
93 ·	20020122495 US	20020905	Method and device for	348/207.99	A Paris Comment		Geurts, Lucas		Γ	Г	г	Г	
× :	-:20020122116		outputting audio-visual	<u>.</u>			Jacobus Franciscus					· į	ŀ
ा ज	- US	20020822	Image processing	345/647			Oka, Masaaki	Γ	П	r	г	Γ.	1
93 :	= 20020113804	20020815	method. image processin Rapid retrieval user	345/705	345/833		Sagar, Richard	۳.	٢	r	F	•	
23	. US 20020109709		interface designed arou			·	Brvan						ļ.
r v	. US	20020725	RECONFIGURABLE	709/203		1	STERN, MICHAEL R.	r	r	7	٢	r	
93 : E		20020718	AUDIOVISUAL PREVIEWING Method and apparatus	369/30.11	369/30.21;	j	Kwon, Young-sig et	г				<u></u>	
₽ t	US 20020093887	20020718	for compensating data i	205,00.11	369/30.23	1	al.	1					i i
le r	- US	20020704	Concatenated audio	700/94	381/58;		Barile, Steven E.	C	1	T.:	C	1	: 1
GI :	- 2002008 (224	00000630	title.	700/94	709/200	1	Du, Sterling et	-			PT .		-
k t	us 20020077713	20020620	Low power digital audio decoding/plaving system	100/34	<u>.</u>		al.	1.1	4.1		1.1		1
	US	20020606	Low power digital audio	700/94			Chan, Reginia et	C	n	173	C	1.7	
23 ·	- :20020068988		decoding/playing system		455/418	<u> </u>	al. Janik, Craig M.	-					1
F 1	- US 20020068558	20020606	System and method for providing content, mana	1	400/410	i 1	Canan, Caday III	1.:	C	U	1.:	C.	į,
F 1	- US	20020523	Apparatus and method	386/94	360/60;		Hirabayashi,	r	n	Π	C.	г	
×	20020061185		for recording video dat	1200/250	380/201 713/168		Hirotada et al. Glick, Barry J. et						i.
1 વ	US	20020502	Cryptographic system	380/258	113/100		al.	Г	Г	T:	C.	17:	1
ז קו	20020051540 - US	20020425	Playback device having	369/1	1		Dygert, Timothy W.	С.		.T.	T.	Æ.	į.
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r r	IS	20020502	Cryptographic system	380/258	713/168		Glick, Barry J. et	С	π.	Γ.	С	T .:
	10020051540		and method for geolocki	\$			al.			· · · · ·	ļi	
E .	JS	20020425	Playback device having	369/1			Dygert, Timothy W.	Γ.	L.	C	Γ.	C
	.UUZUU48ZZ4		text display and commun	345/420	345/441		et al. Oka, Masaaki			Γ.		
E II	JS	20020425	Graphics data generating method, grap		343/441						.ii	
1 12	2002004.6842	20020411	Portable electronic	361/683			Horii, Yasuyuki et	г	-	0	г	C
R C	20020041483.	20020411	device		A STATE OF THE PARTY OF THE PAR		al.					
E L	is	20020321	Computer having	369/2			Numano, Fujihito	Г	Π.	Π	С	T.
	20020034127		function for reproducin				et al.	ļ		ļ		
p - 1	JS	20020131	Controlling operation	382/100			Rhoads, Geoffrey B. et al.	Γ.	Г	г	; F:	г
	20020012445		of a device using a re-	725/95	725/100;		Arye, Ram		~	r	-	· ·
b L	JS	20020103	Multicasting transmission of multime	;	725/96		, .,	111	,	11.		
	20020002708.	20011213	System and method for	707/103R	707/100;		Basso, Andrea et	Г	Г	r	г	г
r r !	20010.0519.50.		processing object-based		707/104.1;	l	al,			J.L.	J	
K t	IS	20011101	Data service at a	709/203	709/219	}	Ekkel, Frederik	177	r	O	г	C
E 17	20010037360.		transit terminal		ļ		TT-bb D-16 at		ļ	. <u></u> .		
r r l	JS	20010927	Data transmission in	704/200.1			Hakenberg, Rolf et	0	m	n	C	r
4	20010025239.		non-reliable networks	382/242	382/199;		al. Ohsawa, Hidefumi	ا مسو	-	C	-	-
E C	JS	20010906	Image processing apparatus and method. a		382/243:		et al.	1.1	e te	11.	1	
	ていいていいているついて	20040727	Method and apparatus	709/231	709/203;		Sass, Jonathan M	-	m	1.7	٦	г
	27	20040727	for sharing streaming m		709/236		et al.					
1	JS 6763400	20040713	Computer having control	710/14	710/15;		Numano, Fujihito	E .	C	C	П	C
			means for determining a	La constant management	710/36:		et al.			-j		-
ם ה	JS 6760040	20040706	Image processing	345/644	345/427;	1	Oka, Masaaki	С	Π	1.7	C	Π
			method. image processing	: : : : : : : : : : : : : : : : : : : :	345/643; 348/14.12;		Basso, Andrea et	12			-	
P L	JS 6751623	20040615	Flexible interchange of coded multimedia facili	10 17 101	348/14.13;		al.	11.	11:	r	11.	1:
I	B1	20040608	Transmitter for	370/516	370/503;		Enari, Masahiko	- 1	-	r	۳	r
A L	JS 6747998 B1	20040000	multichannel digital da		370/537							
	Js 6700839	20040302	Fast seek between	369/30.08		5	Auflick, Jack L.	r	r	T.	Γ	r
	□1		multiple selections in			3	et al.				÷	į <u>-</u>
ות ק	JS 6697489	20040224	Method and apparatus	380/200	380/239;		Candelore, Brant	T.	Г	Ð	T.	C
	2 1		for securing control wo	710/14	380/277; 710/62;	į	L. Du, Sterling et	-				
r r	JS 6675233	20040106	Audio controller for portable electronic dev		710/82		al.	U	1.2	r	TU.	1.:
1 1	P 1	20031202	Portable electronic dev	361/683	361/685;	}	Horii, Yasuyuki et	- E	-	C	r-	-
R D	US 6657854 B2	20031202	device	.002, 000	362/253:	1	al,					
	US 6650761	20031118	Watermarked business	382/100	709/217	1	Rodriguez, Tony F.	C	l m	177	10	r
	Q 1		cards and methods		ļ	ļ	et al.	. j	:		.i	
ם כו	US 6636463	20031021	Method and apparatus	369/30.23	369/53.16		Kwon, Young-sig et	П.	C	C	1.5	្រ
1	2 2		for compensating data i	260.47	36072		al.		·		-	
E D	US 6631098	20031007	Dual-mode MP3 player	369/7	369/2; 369/21		Chang, Chin-Yao et al.	C	; II	ļΕ	10	C
CARACTER STREET	B2	20030729	Moving-picture	382/236			Ishikawa, Hiroyuki		-	-	r-	-
רו ק	US 6600835	20030129	compressing technique			i.		11.	1.1.			i
	US 6587590	20030701	Method and system for	382/250	708/402	İ	Pan, Feng	٠ –	: _		i =	: -

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D D	r U	6584200	20030624	Image scrambling method	380/216	713/160; 713/189;	Tanaka, Kazuyoshi	Π.	C	C	Г	C	r
999	· : HC	l	202222	and apparatus therefor	709/203	705/26;	Stern, Michael R.	С	17		C	r	r
∭ F7	r: B		20030325	Reconfigurable audiovisual previewing	103,203	709/217							Ü
× _	B	6522769	20030218	Reconfiguring a	382/100	713/100	Rhoads, Geoffrey	П	C	េា	п	0	ſ
				watermark detector	in the second se		B. et al.			, and			
7	r. U	6496598	20021217	Image processing method	382/154	382/103;	Harman, Philip	Г	Π	Γ	n	Γ.	. [
8304	: B	1	1	and apparatus	348/700	382/107: 348/155	Victor McGee, Thomas et	1-			Г		
₩ P	r U	5 6496228	20021217	Significant scene detection and frame fil	340/100	540/100	al.	1.	1 :	1:	1	• :	ď
3	В.	1 5 6442285	20020827	Controlling operation	382/100	713/100	Rhoads, Geoffrey	r	r	10	۳	r	ſ
OSS 1	: 'P'	?	20020021	of a device using a re-			B. et al.						
7	,- Ū	6369855	20020409	Audio and video decoder	348/423.1	348/558;	Chauvel, Gerard et	Г	Γ.	Γ.	П	Γ.	1
				circuit and system	380/45	370/474 705/51	al. Candelore, Brant	·		~	ا مساد ا حواد		
N.	to n	6363149	20020326	Method and apparatus for accessing stored di		703731	L. L.	i I.:	r.	1.3	Г	U	
F (5)	B	6311214	20011030	Linking of computers	709/217	380/255;	Rhoads, Geoffrey		r	173	C	Γ.	1
2004	1 12	1	20011030	based on optical sensing		719/313	В.			ļ	ļ		ļ.,
F.	ς.Ū	6292805	20010918	System and method for	,	707/103R;	Basso, Andrea et	1	C	C	□ □	r:	1
650k		1		processing object-based	710/263	707/205 710/266;	al. Cottle, Temple D.				-		
₩ F	r.: U	6263396	20010717	Programmable interrupt controller with interru		710/268	et al.	1.	1	1.2	С	1.: :	ľ
	· :H	L	20010703	Reduced memory MPEG	375/240.15	375/240.16	Laczko, Frank L.	-	r	C	г	r.	ĺ,
323		1	20010103	video decoder circuits			et al.			James			
F .	_ Ū	6230209	20010508	Multimedia computer	709/247	345/866;	Zenda, Hiroki	D	r.	Π.	C	Γ.	ì
888	: :B	1		system	1206160	709/238:	Dimitrova, Nevenka						'n.
ু ব	L U	\$ 6185363	20010206	Visual indexing system	386/69	386/46	et al.	' F	្រ	T)	Γ	T:	1
×	В	1 S 6175380	20010116	Method for randomly	348/84	348/125	Van Den Bosch,		-	n	۳	•	1
7	r B	5 01/3300	20010110	accessing stored imager			Jeffrey A.						١.
	- Ü	S 6148034	20001114	Apparatus and method	375/240.16		Lipovski, G. Jack	Г	r	r:	г	r:	1
₩	Δ.		i	for determining video e	÷	708/703	District Name Name			ļ	ļ		-
₩ F	C U	s 6137544	20001024	Significant scene	348/700	386/69	Dimitrova, Nevenka et al.	' r	[F]	Ð	Г	Đ.	; }
333	Ι Α		20001002	detection and frame fil Multimedia computer	345/474	345/204;	Zenda, Hiroki		r	2**	C		ý.
্য 🗮	r: U	s 6128015	20001003	system	545/474	375/240.01			1	i	J		١
	A	s 6125229	20000926	Visual indexing system	386/69	386/55	Dimitrova, Nevenka	1 15	C	0	г	\mathbf{c}^{\dagger}	
333	Δ				<u></u>		et al.	· ••••		<u> </u>			÷
(F)	r U	s 6122442	20000919	Structure and method	345/620		Purcell, Stephen	C	I	m.	c	Γ:	1
0000	- A		-	for motion estimation of	700/217		C. et al. Eleftheriadis,	·			†		i.
 ₽	E U	s 6092107	20000718	System and method for interfacing MPEG-coded	709/217		Alexandros et al.		E	£3	г	1.3	i
	A	s 6079566	20000627	System and method for	707/101	707/205	Eleftheriadis,		-	г	C	Г	ĺ
200	- : A		20000021	processing object-based	Indiana and a second and a second as a second as		Alexandros et al.						į
2	r U	s 6071004	20000606	Non-linear digital	382/261	382/232;	Le Gall, Didier J.	ī	г	T	in	r	
***	: A		4	filters for interlaced	725 /120	382/250; 725/151	et al. Eleftheriadis,						÷
∭.₽.	ΓŪ	s 6044397	20000328	System and method for	725/139	143/131	:HIGE CHELIAGIS!	::::5:::	à Tre	in Tar		S	ليار

	US 6044157 A US 6026088 A	Issue Dat Page 20000328		380/201 370/395.53 712/29 348/702 382/233 84/610	Current XR Retrieva 380/217; 713/189; 370/395.6; 370/402; 709/250; 710/315 348/700 382/250 434/307A; 84/477R;	Il Inventor Uesaka, Yasushi et al. Rostoker, Michael D. et al. Rostoker, Michael D. et al. Hoang, Toan Q. Arbel, Ygal Sone, Takuro et al.	Б С Б	п С С	п С С	0 1 0 1 0 1	
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